SCULLY, SCOTT, MURPHY & PRESSER, P.C.

JAN 17 2006

400 Garden City Plaza-Suite 300 Garden City, New York 11530 (516) 742-4343 - Telephone

(516) 742-4366 - Facsimile e:mail: intrprop@ssmp.com



□ Urge	ent	X For Review	☐ Please Co	mment	☐ Please Reply	☐ Please Recycle
Re:	U.S. Patent Appln. No. 10/827,064 IBM Ref: YOR919990509US3 SSMP Docket: 13171AB		CC:			
Phone				Date:	January 17, 2006	
Fax:	571-	273-8300		Pages:	14 (Including cover	sheet)
То:		miner Heather A. Do up Art Unit: 2813		From:	Leslie S. Szivos, Pl	h.D.

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE:

Please acknowledge review and receipt of:

- 1. Certificate of Transmission by Facsimile dated January 16, 2006
- 2. Amendment Transmittal Letter (in duplicate)
- Response under 37 C.F.R. §1.111
- Authorization to Charge Deposit Account 50-0510/IBM

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## JAN 17 2006

CERTIFICATE OF Applicant(s): Cyril Cabi	Docket No. YOR919990509US3 (13171AB)							
Application No. 10/827,064	Filing Date April 19, 2004	Examiner Heather Anne Doty		Group Art Unit 2813				
	ND STRUCTURE FOR REDUCTAL-GERMANIUM ALLOY	TION OF CONTACT RESIST	TANCI	E OF METAL				
I hereby certify that this is being facsimile transm	Relitted to the United States Patent	esponse under 37 C.F.R. §1.11 (Identify type of correspondence) and Trademark Office (Fax.		71-273-8300				
on January 17 (Date)	7, 2006							
Leslie S. Szivos Reg. No. 39,394  (Typed or Printed flume of Person Signing Certificate)  (Signature)								
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JAN 17 2006

CERTIFICATE OF Applicant(s): Cyril Cabi	Docket No. 'YOR919990509US3 (13171AB								
Application No. 10/827,064	Filing Date April 19, 2004	Examiner Heather Anne Doty	Group Art Unit 2813						
Invention: METHOD AND STRUCTURE FOR REDUCTION OF CONTACT RESISTANCE OF METAL SILICIDES USING A METAL-GERMANIUM ALLOY									
I hereby certify that this is being facsimile transm	I hereby certify that this Response under 37 C.F.R. §1.111  (Identify type of correspondence)  is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. 571-273-8300								
on January 17 (Date)	, 2006								
Leslie S. Sziyos Rog No. 39,394  (Typed or Printed Name of Pelson Signing Certificate)  (Signature)									
	Note: Each paper must have its own certificate of mailing.								
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JAN 17 2000									
AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Cyril Cabral, Jr., et al.						Docket No. YOR919990509US3 (13171AB)			
Application No. 10/827,064	Filing Date April 19, 2004	Examiner Heather Anne Dot	у	Customer No 23389	э.	Group Art Unit 2813	Confirmation No. 2363		
Invention: METHOD AND STRUCTURE FOR REDUCTION OF CONTACT RESISTANCE OF METAL SILICIDES USING A METAL-GERMANIUM ALLOY									
COMMISSIONER FOR PATENTS:									
		n the above-identified a	•	on.					
The fee has been	calculated and is trans	mitted as shown below.							
		CLAIMS AS AM	ENDED	)					
	CLAIMS REMAINING	HIGHEST #	NUMBE	ER EXTRA		RATE	ADDITIONAL		
	AFTER AMENDMENT	PREV. PAID FOR	CLAIMS	PRESENT			FEE		
TOTAL CLAIMS	8 -	20 =		0 ;	<u> </u>	\$50.00	\$0.00		
INDEP. CLAIMS	3 -	3 =		0 2	<b>(</b>	\$200.00	\$0.00		
Multiple Depender	Multiple Dependent Claims (check if applicable) \$0.00								
		TOTAL ADDITIONAL F	EE FO	R THIS AME	ND	MENT	\$0.00		
No additional fee is required for amendment.  Please charge Deposit Account No. in the amount of  A check in the amount of to cover the filing fee is enclosed.  The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM  Any additional filing fees required under 37 C.F.R. 1.16.  Any patent application processing fees under 37 CFR 1.17.  Payment by credit card. Form PTO-2038.  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
Dated: January 17, 2006									
Leslie S. Szivos, Ph.D.  Registration No. 39,394  Scully, Scott, Murphy & Presser, P.C.  400 Garden City Plaza – Suite 300  Garden City, New York 11530  Signature of Person Mailing Correspondence  Signature of Person Mailing Correspondence									
cc:									

IAN 17 2006

JAN 1 / 2000									
AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Cyril Cabral, Jr., et al.							Docket No. YOR919990509US3 (13171AB)		
Application No. 10/827,064	Filing Date April 19, 2004	Examiner Heather Anne Do	ty	Customer N 23389	o. Group Art 2813	Unit	Confirmation No. 2363		
Invention: METHOD AND STRUCTURE FOR REDUCTION OF CONTACT RESISTANCE OF METAL SILICIDES USING A METAL-GERMANIUM ALLOY									
COMMISSIONER FOR PATENTS:									
	Transmitted herewith is an amendment in the above-identified application.  The fee has been calculated and is transmitted as shown below.								
THE ICE HAS DECIT	calculated and is trains	CLAIMS AS AM							
	OLANIA DELANIA			<del></del>		П	400/5/00/44		
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR		PRESENT	RATE		ADDITIONAL FEE		
TOTAL CLAIMS	8 -	20 =		0 )	\$50.00		\$0.00		
INDEP. CLAIMS	3 -	3 =		0 >	\$200.00		\$0.00		
Multiple Dependent Claims (check if applicable) \$0.00									
		TOTAL ADDITIONAL F	FEE FOI	R THIS AME	NDMENT		\$0.00		
No additional fee is required for amendment.  ☐ Please charge Deposit Account No. in the amount of ☐ A check in the amount of to cover the filing fee is enclosed.  ☑ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/TBM ☑ Any additional filing fees required under 37 C.F.R. 1.16. ☑ Any patent application processing fees under 37 CFR 1.17. ☐ Payment by credit card. Form PTO-2038.  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  Dated: January 17, 2006  Leslie S. Szivos, Ph.D.  Registration No. 39,394  Scully, Scott, Murphy & Presser, P.C. 400 Garden City Plaza — Suite 300  Garden City, New York 11530    I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents." P.O. Box 1450-Alexandria, VA 22313-1450* [37 eFR 1.8(a)] on (Date)									
Signature of Person Mailing Correspondence  CC:  Typed or Printed Name of Person Mailing Correspondence									

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Cyril Cabral, Jr. et al.

Docket:

YOR919990509US3

(13171AB)

Serial No.:

10/827,064

Examiner:

Heather Anne Doty

Filed:

April 19, 2004

Art Unit:

2813

For:

METHOD AND STRUCTURE FOR

Dated:

January 17, 2006

REDUCTION OF CONTACT

RESISTANCE OF METAL

**Confirmation No:** 

2363

SILICIDES USING A METAL-

GERMANIUM ALLOY

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

### RESPONSE UNDER 37 C.F.R. § 1.111

Sir:

In response to the Office Action dated October 18, 2005, Applicants hereby submit the following amendments and remarks for entry of record in the above-identified patent application.

#### CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

Dated: January 17, 2006

Leslie S. Szivos, Ph.D.